

PLUS Search Results for S/N 09541701, Searched April 18, 2005

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5852565  
5988863  
6728317  
6442203  
5465119  
5737027  
5883696  
6118486  
6424939  
4794447  
4974064  
5805207  
5483294  
4789893  
5742623  
5991883  
6222589  
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6111610  
4851826  
5534949  
6700622  
5254857  
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5978023  
5245413  
5754248  
6549240  
6549577  
5270813  
5253056  
6433835  
5812195  
6016150  
4322750  
5257103  
5365278  
5481319  
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5576731  
5914711  
6054977  
6317108  
6396542  
6055012  
5844619  
6229570  
4794449  
4845561  
4941044

09541701\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09541701 on April 18, 2005

Original Classifications

4	348/448
3	348/441
3	348/447
3	375/240.21
2	348/474
2	348/699
2	375/240.16
2	708/203

Cross-Reference Classifications

6	348/459
3	348/443
3	348/445
3	348/458
3	348/699
2	345/698
2	348/441
2	348/448
2	348/452
2	348/556
2	348/558
2	348/700
2	348/701
2	348/910

Combined Classifications

7	348/459
6	348/448
5	348/441
5	348/699
4	348/443
4	348/445
3	345/698
3	348/447
3	348/458
3	375/240.16
3	375/240.21
2	345/100
2	348/452
2	348/474
2	348/556
2	348/558
2	348/608
2	348/700
2	348/701
2	348/910
2	375/240.01
2	375/240.15
2	708/203

09541701\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09541701 on April 18, 2005

- 7 348/459 (1 OR, 6 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION  
348/459 .Changing number of fields for standard  
conversion
- 6 348/448 (4 OR, 2 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION  
348/448 .Line doublers type (e.g., interlace to  
progressive IDTV type)
- 5 348/441 (3 OR, 2 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION
- 5 348/699 (2 OR, 3 XR)  
Class 348 : TELEVISION  
348/609 ...Reduction of chrominance luminance  
cross-talk (e.g., precomb)  
348/699 .Motion vector generation
- 4 348/443 (1 OR, 3 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION  
348/443 .Involving both line number and field rate  
conversion (e.g., PAL to NTSC)
- 4 348/445 (1 OR, 3 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION  
348/445 .Conversion between standards with different  
aspect ratios
- 3 345/698 (1 OR, 2 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
SYSTEMS  
345/204 DISPLAY DRIVING CONTROL CIRCUITRY  
345/698 .Adjusting display pixel size or pixels per  
given area (i.e., resolution)
- 3 348/447 (3 OR, 0 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION  
348/447 .Field rate type flicker compensating
- 3 348/458 (0 OR, 3 XR)  
Class 348 : TELEVISION  
348/441 FORMAT CONVERSION  
348/458 .Changing number of lines for standard  
conversion
- 3 375/240.16 (2 OR, 1 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/240 BANDWIDTH REDUCTION OR EXPANSION  
375/240.01 .Television or motion video signal  
375/240.12 ..Predictive  
375/240.16 ...Motion vector

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- 3 375/240.21 (3 OR, 0 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/240 BANDWIDTH REDUCTION OR EXPANSION
  - 375/240.01 .Television or motion video signal
  - 375/240.21 ..Subsampling
  
- 2 345/100 (1 OR, 1 XR)
  - Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
SYSTEMS
  - 345/30 PLURAL PHYSICAL DISPLAY ELEMENT CONTROL SYSTEM  
(E.G., NON-CRT)
  - 345/55 .Display elements arranged in matrix (e.g.,  
rows and columns)
  - 345/84 ..Light-controlling display elements
  - 345/87 ...Liquid crystal display elements (LCD)
  - 345/98 ....Specific display element control means  
(e.g., latches, memories, logic)
  - 345/100 ....Particular row or column control (e.g.,  
shift register)
  
- 2 348/452 (0 OR, 2 XR)
  - Class 348 : TELEVISION
  - 348/441 FORMAT CONVERSION
  - 348/448 .Line doublers type (e.g., interlace to  
progressive IDTV type)
  - 348/452 ..Motion adaptive
  
- 2 348/474 (2 OR, 0 XR)
  - Class 348 : TELEVISION
  - 348/469 FORMAT
  - 348/473 .Including additional information
  - 348/474 ..For controlling video processing (e.g.,  
digitally assisted video)
  
- 2 348/556 (0 OR, 2 XR)
  - Class 348 : TELEVISION
  - 348/553 BASIC RECEIVER WITH ADDITIONAL FUNCTION
  - 348/554 .Multimode (e.g., composite, Y, C; baseband RF)
  - 348/555 ..For receiving more than one format at will  
(e.g., NTSC/PAL)
  - 348/556 ...For format with different aspect ratio
  
- 2 348/558 (0 OR, 2 XR)
  - Class 348 : TELEVISION
  - 348/553 BASIC RECEIVER WITH ADDITIONAL FUNCTION
  - 348/554 .Multimode (e.g., composite, Y, C; baseband RF)
  - 348/558 ..Format detection
  
- 2 348/608 (1 OR, 1 XR)
  - Class 348 : TELEVISION
  - 348/571 IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO  
TELEVISION
  - 348/607 .Noise or undesired signal reduction
  - 348/608 ..Processing at encoder or transmitter (e.g.,  
pre-correction)
  
- 2 348/700 (0 OR, 2 XR)
  - Class 348 : TELEVISION
  - 348/609 ...Reduction of chrominance luminance

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348/700           cross-talk (e.g., precomb)  
                   .Motion dependent key signal generation or  
                   scene change detection

2 348/701           (0 OR, 2 XR)  
   Class    348 : TELEVISION  
   348/609    ...Reduction of chrominance luminance  
                   cross-talk (e.g., precomb)  
   348/700    .Motion dependent key signal generation or  
                   scene change detection  
   348/701    ..Specified processing of frame or field  
                   difference signal (e.g., noise reduction, key signal  
                   spreading)

2 348/910           (0 OR, 2 XR)  
   Class    348 : TELEVISION  
   348/910    FLICKER REDUCTION

2 375/240.01       (1 OR, 1 XR)  
   Class    375 : PULSE OR DIGITAL COMMUNICATIONS  
   375/240    BANDWIDTH REDUCTION OR EXPANSION  
   375/240.01 .Television or motion video signal

2 375/240.15       (1 OR, 1 XR)  
   Class    375 : PULSE OR DIGITAL COMMUNICATIONS  
   375/240    BANDWIDTH REDUCTION OR EXPANSION  
   375/240.01 .Television or motion video signal  
   375/240.12 ..Predictive  
   375/240.15 ...Bidirectional

2 708/203           (2 OR, 0 XR)  
   Class    708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING  
                   AND CALCULATING  
   708/100    ELECTRICAL DIGITAL CALCULATING COMPUTER  
   708/200    .Particular function performed  
   708/203    ..Compression/decompression

ability 1  
about 1  
above 2  
abstract 1  
accommodate 1  
accompa 1  
accordance 2  
achieve 1  
achieves 2  
acllieves 1  
action 1  
adapt 1  
addition 2  
additional 1  
addressed 1  
addressee 1  
adopt 1  
adopted 1  
advanced 9  
advantages 1  
after 1  
algorithms 4  
all 4  
allocated 1  
allowing 2  
allows 2  
also 6  
ame 1  
ames 2  
an 11  
analog 2  
and 78  
andmanage 1  
another 1  
any 2  
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apparent 3  
application 6  
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applied 4  
applying 2  
approaches 1  
approaching 1  
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available 3  
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be 32  
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becomes 1  
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been 6  
beginning 1  
being 5  
below 2  
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benefits 1  
better 3  
beyond 1  
bits 7  
bitstream 2  
bitstream 2  
block 3  
bmse 2  
both 3  
boundary 2  
box 1  
broadcast 3  
broadly 1  
business 1  
but 3  
by 6  
ca 1  
cable 2  
cal 1  
can 20  
capabilities 2  
capability 1  
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certain 2  
certify 1  
changed 2  
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characteristics 1  
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claimed 1  
claims 2  
clues 1  
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cnzde 1  
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combination 1  
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commissioner 1  
common 1  
communication 1  
compatibility 2

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comprising 5  
compromised 4  
computer 5  
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considering 1  
constraints 1  
containing 1  
content 2  
continuation 3  
continue 1  
conventional 2  
conversion 1  
converter 2  
copies 3  
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copy 1  
copying 2  
copyrighted 1  
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crude 1  
current 3  
data 3  
date 3  
dc 2  
decade 1  
decoder 1  
decodes 1  
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demonstrably 1  
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dependency 1  
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diagmm 1  
diagram 5  
diagrams 1  
diagrn 2



diagrsm 1  
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digitally 1  
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discrete 1  
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distribution 1  
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do 1  
docket 7  
does 1  
drama 1  
drawings 3  
due 2  
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early 1  
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efficient 2  
efficiently 1  
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encrypt 2  
encrypted 3  
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encryption 16  
enhanc 1  
enhancement 7  
entire 5  
essentially 1  
evenmally 1  
events 2  
example 2  
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executive 1  
exemplars 1  
existing 3  
express 2  
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family 1  
fax 1  
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features 2  
field 2  
fig 12  
figs 1  
filed 3

film 1  
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first 2  
fish 1  
fld 1  
flexible 3  
flowchart 2  
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fmme 4  
fmme 4  
following 1  
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forimage 1  
form 2  
format 2  
formatproposal 1  
formats 4  
forms 1  
forth 1  
forwatermarking 1  
fps 5  
frame 3  
frames 2  
frnme 4  
frnmes 1  
from 1  
function 2  
further 3  
future 1  
gaction 1  
game 2  
gaming 1  
generated 1  
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gnmes 1  
goal 1  
goals 2  
gom 2  
greater 3  
has 4  
have 12  
havebeen 1  
having 1  
hdtv 1  
hereby 1  
high 14  
hinge 1  
historicalrates 1  
holever 1  
home 1  
however 4  
hz 23  
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image 12  
images 6  
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including 3  
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industry 1  
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informational 1  
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input 1  
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integrally 1  
intel 1  
intemal 1  
intended 3  
interlace 2  
interlaced 2  
internal 1  
into 2  
invention 12  
inventive 2  
inventor 1  
invisible 4  
involved 2  
is 37  
ision 1  
issued 1  
issues 1  
it 10  
its 1  
itself 1  
john 1  
jolla 1  
kaiogntsc 1  
key 1  
keys 3  
la 1  
lack 1  
land 1  
lary 1  
last 1  
layer 12  
layered 15  
layering 5  
layers 3  
layewng 1  
legacy 1  
less 1  
like 2  
limitations 1  
lines 2  
live 2  
lligh 1  
llnique 1  
llnrecognizable 1  
ln 2  
long 1  
looo 1  
loss 1  
lost 2

low 6  
lower 1  
lt 2  
ltigh 1  
lz 2  
lzierarcl 1  
lzigh 1  
made 4  
mail 2  
manage 1  
management 2  
market 2  
master 1  
masters 1  
material 2  
materialto 1  
may 1  
mbits 1  
media 2  
megapixel 1  
menu 1  
method 8  
methodologies 1  
mhz 1  
ml 2  
modular 1  
modularity 2  
modularized 2  
more 5  
most 1  
motion 5  
motionpresentation 1  
movie 7  
movies 5  
moving 2  
mpeg 11  
mpst 1  
ms 2  
much 1  
name 2  
nature 2  
ne 1  
nearly 1  
necessary 2  
need 4  
needs 1  
new 3  
news 1  
ng 1  
nme 1  
nmes 2  
no 12  
norwood 1  
not 3  
notion 1  
now 1  
ntsc 4  
number 2  
numerous 1  
nying 1  
objects 1  
of 95  
ofa 1

office 1  
om 2  
on 9  
one 7  
only 7  
onto 1  
operating 1  
optimal 2  
optional 3  
options 1  
or 22  
order 4  
original 1  
other 4  
output 1  
over 3  
overcomes 1  
own 2  
page 8  
part 1  
particular 2  
particularly 1  
patent 2  
patentq 1  
pattem 2  
pay 1  
per 3  
performance 2  
picture 5  
pinpoint 1  
pirating 1  
pixels 3  
place 1  
plzrsuing 1  
pm 1  
poor 1  
portions 2  
possible 1  
post 1  
postage 1  
postal 1  
preferably 4  
preferred 6  
premise 1  
premitlm 1  
premium 1  
present 6  
presentation 4  
presenting 1  
presently 1  
primary 2  
prints 1  
prior 1  
priority 1  
problems 2  
process 2  
proper 1  
proportion 1  
proposal 3  
proposals 2  
proposed 4  
protect 2  
protection 4

proven 1  
provide 5  
provides 5  
providing 1  
pulldown 2  
quality 5  
range 1  
rapidly 2  
rate 13  
rates 14  
rather 1  
reaionable 1  
reason 1  
reasonable 2  
reference 2  
related 2  
relates 1  
relemse 1  
reliable 1  
reliably 1  
replace 1  
replacement 1  
requifement 1  
required 1  
requirement 1  
requires 1  
resilience 1  
resolution 30  
resolutions 2  
restrict 1  
resulting 1  
rhe 1  
richardson 1  
robust 1  
robustness 1  
run 1  
scalability 4  
scalable 2  
scond 1  
schemes 1  
scope 1  
scramblers 2  
second 3  
secondary 1  
security 4  
seen 1  
select 1  
serial 4  
servi 1  
service 1  
set 1  
should 1  
show 1  
showing 11  
shown 1  
shows 1  
si 1  
signal 1  
similarimages 1  
since 1  
single 3  
slate 1  
slice 2

small 3  
 smes 1  
 smooth 2  
 so 5  
 solzrce 1  
 some 1  
 source 2  
 spatial 3  
 specially 1  
 specified 1  
 specifying 1  
 specitkally 1  
 sports 2  
 square 1  
 standard 8  
 states 3  
 stnzcture 2  
 stolen 2  
 stre 1  
 stream 9  
 strengthen 1  
 strengths 2  
 strenm 2  
 stress 1  
 stressful 1  
 structure 2  
 subset 2  
 substantial 1  
 such 11  
 sufficient 1  
 sufficiently 1  
 suftkiently 1  
 suggested 1  
 suite 1  
 summary 1  
 supports 2  
 symbolq 1  
 symbols 1  
 system 6  
 systems 6  
 tand 1  
 tapped 1  
 target 1  
 technical 1  
 technical 1  
 technique 1  
 techniques 6  
 technologies 1  
 teclmology 1  
 telev 1  
 television 15  
 template 2  
 temporal 17  
 temporalrate 1  
 than 3  
 thas 1  
 that 16  
 the 116  
 thea 1  
 theaters 1  
 their 2  
 then 1  
 ther 4

therefore 2  
these 7  
this 8  
those 2  
through 1  
thus 2  
timing 1  
tlexible 1  
tllrough 1  
tllroughout 1  
tmlayered 1  
tmless 1  
to 55  
today 1  
tolerated 1  
tools 1  
track 1  
tracks 1  
trademarks 1  
transmissions 1  
tscalability 1  
ttclean 1  
twice 1  
types 4  
unforttmately 1  
unfortunately 1  
unique 1  
uniquely 1  
unit 1  
united 2  
unless 1  
unlikely 1  
unrecognizable 1  
upon 3  
us 1  
usage 1  
use 4  
used 4  
useful 1  
uses 2  
using 10  
utilize 1  
utilizing 1  
valuable 3  
value 2  
variety 3  
various 5  
vectors 1  
very 1  
via 2  
viability 1  
video 4  
view 1  
viewing 1  
vnited 1  
voice 1  
was 1  
washington 1  
watennark 1  
watennarking 1  
watermark 3  
watermarked 2  
watermarking 10



watermarks 1  
way 1  
well 4  
were 3  
when 3  
where 1  
which 9  
while 3  
will 1  
wining 1  
with 14  
within 6  
wllich 2  
wlzich 1  
wms 1  
work 1  
would 4  
yet 2  
zulkpixels 1